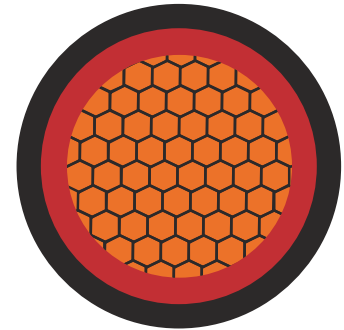


## Single core cable

For outdoor installations in damp and wet locations

Type : CU/XLPE/PVC  
 Standard : IEC 60502-1  
 Rated Voltage : 0.6/1 KV  
 Conductor : Soft annealed stranded copper wires  
 Insulation : XLPE compound (or PVC or LSHF)  
 Jacketing : PVC compound (or LSHF or PE)



### TECHNICAL INFORMATION

Nominal Cross Section	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx overall Diameter	Approx Cable Weight	Max DC Resistance at 20°C	CURRENT RATING					
						Laid in ground			Laid in Free Air		
NR x mm <sup>2</sup>	mm	mm	mm	kg/km	ohm/km	A	A	A	A	A	A

#### STRANDED COPPER CONDUCTORS

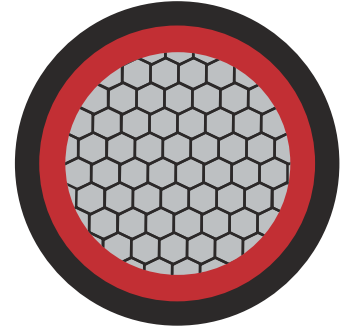
4	0.7	1.4	6.72	80	4.6100	59	56	43	59	53	44
6	0.7	1.4	7.13	100	3.0810	74	71	57	73	66	59
10	0.7	1.4	8.2	150	1.8300	97	93	74	94	88	76
16	0.7	1.4	9.2	205	1.1500	125	121	95	129	123	105
25	0.9	1.4	11	310	0.7270	163	154	120	159	152	135
35	0.9	1.4	12	400	0.5240	194	187	148	199	193	170
50	1.0	1.4	13	515	0.3870	228	217	177	246	234	205
70	1.1	1.4	15	720	0.2680	285	268	217	310	298	263
95	1.1	1.5	16.7	980	0.1930	336	319	262	386	374	322
120	1.2	1.5	18.4	1210	0.1530	388	371	296	450	439	380
150	1.4	1.6	20.5	1500	0.1240	428	405	336	509	497	433
185	1.6	1.6	22.5	1840	0.0991	490	462	382	591	579	491
240	1.7	1.7	25.4	2400	0.0754	564	530	439	725	714	597
300	1.8	1.8	27.8	2995	0.0601	638	593	496	918	842	690
400	2.0	1.9	31.2	3800	0.0470	735	673	559	995	971	796
500	2.2	2.0	34.7	4750	0.0366	827	752	621	1203	1100	907
630	2.4	2.2	41.7	6275	0.0283	946	844	707	1287	1264	1065
800	2.6	2.3	46.8	8260	0.0221	1060	935	798	1463	1439	1217
1000	2.8	2.4	51.1	9745	0.0176	1174	1015	866	1615	1591	1346



## Single core cable

For outdoor and indoor installations in damp and wet locations

Type : AL/XLPE/PVC  
 Standard : IEC 60502-1  
 Rated Voltage : 0.6/1 KV  
 Conductor : Stranded Aluminum wires  
 Insulation : XLPE compound (or PVC or LSHF)  
 Jacketing : PVC compound (or LSHF or PE)



### TECHNICAL INFORMATION



Nominal Cross Section mm <sup>2</sup>	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Approx overall Diameter mm	Approx Cable Weight kg/km	Max DC Resistance at 20°C ohm/km	CURRENT RATING					
						Laid in ground			Laid in Free Air		
						○○○	○○	○	○	○○○	○○
						A	A	A	A	A	A

#### STRANDED COPPER CONDUCTORS

16	0.7	1.4	9.21	115	1.9100	97	95	72	99	94	70
25	0.9	1.4	11.3	165	1.2000	123	120	91	129	123	105
35	0.9	1.4	12.01	205	0.8680	148	143	114	158	152	135
50	1.0	1.4	13.0	260	0.6410	177	169	131	193	187	164
70	1.1	1.4	16.0	340	0.4430	217	205	165	246	240	199
95	1.1	1.5	16.7	450	0.3200	257	245	194	316	304	240
120	1.2	1.5	18.4	550	0.2530	302	285	234	363	351	269
150	1.4	1.6	20.5	570	0.2060	336	319	257	415	404	333
185	1.6	1.6	24.2	830	0.1640	382	365	291	486	468	374
240	1.7	1.7	27.0	1050	0.1250	445	422	342	573	556	445
300	1.8	1.8	27.8	1300	0.1000	507	473	388	644	632	515
400	2.0	1.9	33.2	1610	0.0778	587	547	445	772	755	606
500	2.2	2.0	36.2	2000	0.0605	661	616	507	901	878	702
630	2.4	2.2	42.2	2520	0.0469	758	701	581	1053	1030	831
800	2.6	2.3	46.8	3150	0.0367	855	764	650	1193	1170	948
1000	2.8	2.4	51.8	3870	0.0291	946	832	707	1310	1287	1076